

Supplemental Table 1. BJSQ simple total score by smoking intensity group: 3 components and 18 subscales

| BJSQ Stress components & subscales | Range of points | Women | | | | Men | | | |
|--|--------------------|----------------------------------|---------------------------|---------------------------|---------------------------|----------------------------------|---------------------------|--------------------------|---------------------------|
| | | Non-smokers (NS) <control> | smokers | | | Non-smokers (NS) <control> | Smokers | | |
| | | | All smokers (AS) | Light smokers (LS) | Heavy smokers (HS) | | All smokers (AS) | Light smokers (LS) | Heavy smokers (HS) |
| | | average (SD) | | average (SD) | | average (SD) | | average (SD) | |
| Job Stressors (total) | 17-68 | 41.3 (6.8) | 42.4 (6.9) ^{ac} | 42.3 (6.8) ^b | 42.8 (7.1) ^{bc} | 42.0 (6.8) | 42.5 (6.7) ^{ac} | 42.7 (6.6) ^{bc} | 42.4 (6.7) ^{bc} |
| Job demands | 3-12 | 8.0 (2.1) | 8.1 (2.1) ^{ac} | 8.1 (2.0) | 8.1 (2.1) | 8.3 (2.1) | 8.4 (2.0) ^{ac} | 8.5 (2.0) ^{bc} | 8.3 (2.1) |
| Job control | 3-12 | 7.8 (2.0) | 8.0 (2.1) ^{ac} | 8.0 (2.1) ^b | 8.1 (2.1) ^{bc} | 7.6 (2.0) | 7.5 (2.0) | 7.5 (2.0) | 7.5 (2.0) |
| Meaningfulness of work | 1-4 | 2.1 (0.8) | 2.2 (0.8) ^{ac} | 2.2 (0.8) ^b | 2.3 (0.9) ^{bc} | 2.2 (0.8) | 2.3 (0.8) ^{ac} | 2.2 (0.8) | 2.3 (0.8) ^{bc} |
| Work environment | 1-4 | 2.3 (1.0) | 2.4 (1.0) ^{ac} | 2.3 (1.0) ^b | 2.5 (1.0) ^{bc} | 2.3 (1.0) | 2.4 (1.0) ^{ac} | 2.3 (1.0) ^b | 2.4 (1.0) ^{bc} |
| Suitability for work | 1-4 | 2.1 (0.7) | 2.1 (0.8) | 2.1 (0.7) | 2.1 (0.8) | 2.2 (0.8) | 2.2 (0.8) | 2.2 (0.8) | 2.2 (0.8) |
| Physical burden | 1-4 | 2.5 (1.1) | 2.7 (1.0) ^{ac} | 2.7 (1.0) ^{bc} | 2.7 (1.0) ^{bc} | 2.5 (1.0) | 2.7 (1.0) ^{ac} | 2.7 (1.0) ^{bc} | 2.7 (1.0) ^{bc} |
| Skill utilization | 1-4 | 2.2 (0.8) | 2.2 (0.8) ^{ac} | 2.2 (0.8) ^b | 2.3 (0.8) ^{bc} | 2.1 (0.8) | 2.1 (0.8) | 2.1 (0.8) | 2.1 (0.8) |
| Required job quality | 3-12 | 8.2 (2.0) | 8.2 (2.0) | 8.2 (2.0) | 8.1 (2.0) | 8.4 (1.9) | 8.5 (1.9) ^{ac} | 8.6 (1.9) ^{bc} | 8.4 (1.9) |
| Interpersonal relationship | 3-12 | 6.0 (1.9) | 6.4 (2.0) ^{ac} | 6.3 (2.0) ^b | 6.6 (2.0) ^{bc} | 6.3 (1.9) | 6.5 (1.9) ^{ac} | 6.4 (1.9) ^b | 6.5 (1.9) ^{bc} |
| Stress Reaction (total) | 29-116 | 57.4 (14.4) | 61.5 (15.4) ^{ac} | 61.0 (15.2) ^{bc} | 62.7 (15.7) ^{bc} | 56.3 (14.6) | 58.3 (14.6) ^{ac} | 57.9 (14.6) ^b | 58.5 (14.6) ^{bc} |
| Vigor | 3-12 | 8.5 (2.4) | 8.8 (2.4) ^{ac} | 8.7 (2.4) ^b | 8.9 (2.4) ^{bc} | 8.5 (2.3) | 8.6 (2.2) ^{ac} | 8.6 (2.2) | 8.7 (2.2) ^{bc} |
| Irritation | 3-12 | 6.4 (2.4) | 7.1 (2.5) ^{ac} | 6.9 (2.5) ^b | 7.3 (2.5) ^{bc} | 6.3 (2.4) | 6.7 (2.4) ^{ac} | 6.6 (2.4) ^b | 6.7 (2.4) ^{bc} |
| Fatigue | 3-12 | 6.9 (2.5) | 7.4 (2.6) ^{ac} | 7.4 (2.6) ^{bc} | 7.6 (2.6) ^{bc} | 6.5 (2.4) | 6.9 (2.4) ^{ac} | 6.9 (2.4) ^b | 6.8 (2.4) ^{bc} |
| Anxiety | 3-12 | 5.9 (2.3) | 6.2 (2.4) ^{ac} | 6.1 (2.3) ^b | 6.2 (2.4) ^{bc} | 6.2 (2.3) | 6.3 (2.3) ^{ac} | 6.3 (2.3) ^b | 6.3 (2.3) ^{bc} |
| Depression | 6-24 | 10.2 (3.7) | 10.8 (3.9) ^{ac} | 10.8 (3.9) ^b | 11.0 (3.9) ^{bc} | 10.4 (3.9) | 10.7 (3.8) ^{ac} | 10.7 (3.8) ^b | 10.7 (3.9) ^{bc} |
| Physical symptoms | 11-44 | 19.6 (5.5) | 21.3 (6.1) ^{ac} | 21.1 (6.1) ^{bc} | 21.7 (6.2) ^{bc} | 18.3 (5.6) | 19.1 (5.8) ^{ac} | 18.9 (5.8) ^b | 19.3 (5.8) ^{bc} |
| Social Support (total) | 9-36 | 19.7 (4.9) | 20.4 (5.0) ^{ac} | 20.2 (5.1) ^b | 20.9 (4.9) ^{bc} | 20.4 (5.1) | 20.2 (5.1) ^{ac} | 19.9 (5.1) ^{bc} | 20.4 (5.2) |
| Superiors' support | 3-12 | 7.9 (2.2) | 8.2 (2.3) ^{ac} | 8.1 (2.3) ^b | 8.3 (2.2) ^{bc} | 7.7 (2.2) | 7.6 (2.2) ^{ac} | 7.5 (2.2) ^b | 7.6 (2.2) |
| Co-workers' support | 3-12 | 6.8 (2.1) | 6.9 (2.1) ^{ac} | 6.8 (2.2) | 7.1 (2.1) ^{bc} | 7.2 (2.0) | 7.0 (2.0) ^{ac} | 6.9 (2.1) ^{bc} | 7.0 (2.0) ^{bc} |
| Family support | 3-12 | 5.0 (2.0) | 5.4 (2.2) ^{ac} | 5.3 (2.2) ^b | 5.5 (2.2) ^{bc} | 5.5 (2.2) | 5.7 (2.2) ^{ac} | 5.5 (2.2) | 5.7 (2.2) ^{bc} |

BJSQ: Brief Job Stress Questionnaire,

^ap <0.05 vs non-smokers (unpaired t test), ^bp<0.05 vs non-smokers (Dunnett's test),^cp<0.05 vs non-smokers (multivariate analysis adjusted with age, BMI, amount of alcohol consumption, frequency of alcohol consumption)

BMI: body mass index

[Light smokers (LS)<15 cigarettes/day, Heavy smokers (HS)≥15 cigarettes/day]